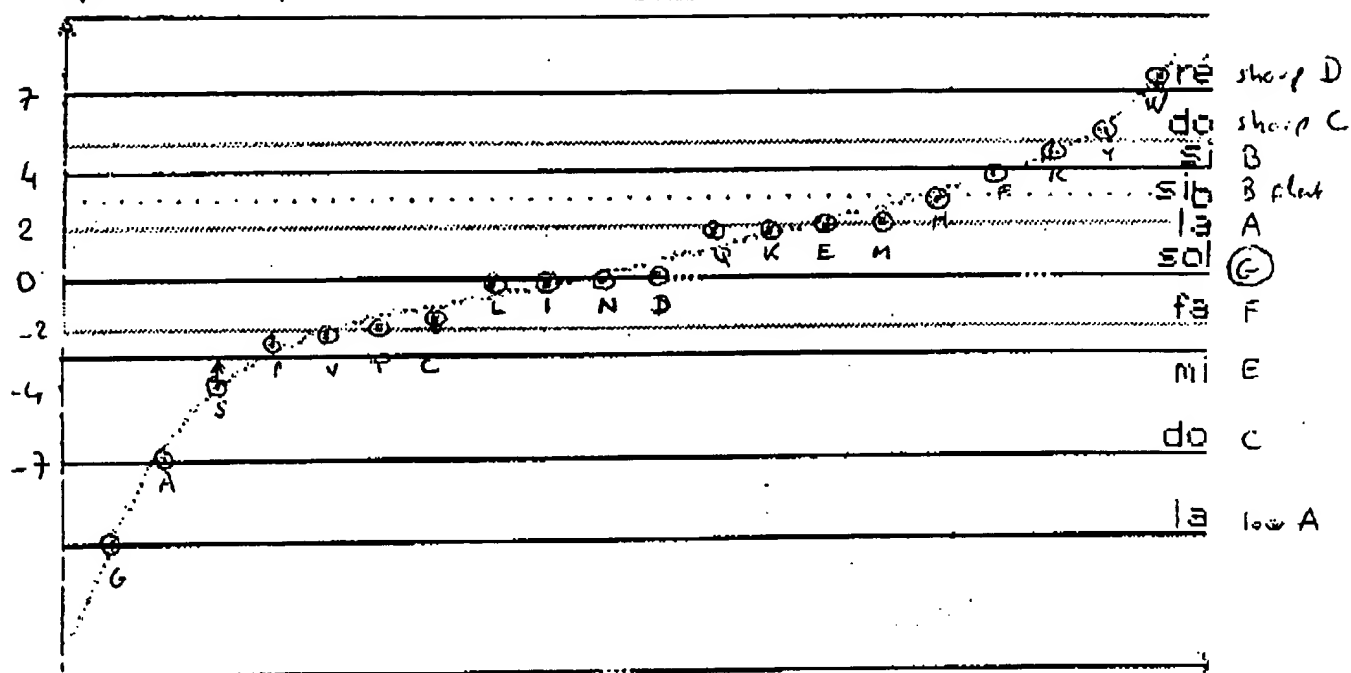


Annex E

AMINO ACID RANKED BY INCREASING FREQUENCY

Logarithms of frequencies (semitones)

Amino acids ranked by increasing frequency
(or mass)

THE RESULTING CODES



(1) after synchronization

(2) after symmetrization with respect to central G (circled)